

Application No. 10/620,553

In the claims:

1-19. (canceled)

20. (new) A shockwave generating system comprising:

 a first shockwave source device comprising an acoustic wave transducer with a longitudinal axis of symmetry;

 a reflector which is axisymmetric about said longitudinal axis of symmetry;

 a propagation medium that fills an inner volume of said reflector, said acoustic wave transducer being separated from said reflector by the propagation medium, wherein said reflector is arranged with respect to said first shockwave source device so that outwardly radiated acoustic waves from said first shockwave source device propagate in the propagation medium and are reflected by said reflector towards a focus, said first shockwave source device fitting in an aperture which is formed in said reflector and located on said longitudinal axis of symmetry, said aperture being sealed by a sealing ring;

 a first membrane that covers an end of said first shockwave source device in order to seal said first shockwave source device from ingress therein of the propagation medium;

 a second membrane that covers an end face of said reflector; and

 a second shockwave source device disposed in said aperture and adapted to emit acoustic waves.

21. (new) The shockwave generating system according to claim 20, wherein said second shockwave source device sealingly passes through said first membrane.

22. (new) The shockwave generating system according to claim 20, wherein said reflector comprises an at least partially parabolic reflector.

23. (new) The shockwave generating system according to claim 20, wherein first shockwave source device comprises a cylindrical acoustic wave transducer comprising an excitable membrane and an excitation device operative to move said excitable membrane to generate shockwaves that propagate in said propagation medium.

24. (new) The shockwave generating system according to claim 20, wherein said second shockwave source device comprises a spherical acoustic wave transducer, which repulse a spherical membrane to produce shockwaves in the propagating medium.

25. (new) The shockwave generating system according to claim 20, wherein said first and second shockwave source devices are arranged with respect to one another to focus on a common focus.

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26. (new) The shockwave generating system according to claim 20, wherein said first and second shockwave source devices are arranged with respect to one another to focus on different foci.

27. (new) The shockwave generating system according to claim 20, wherein first shockwave source device comprises a conical acoustic wave transducer comprising an excitable membrane and an excitation device operative to move said excitable membrane to generate shockwaves that propagate in said propagation medium.

28. (new) The shockwave generating system according to claim 20, wherein said second shockwave source device comprises a planar acoustic wave transducer comprising an excitable membrane and an excitation device operative to move said excitable membrane to generate shockwaves that propagate in said propagation medium, and a focusing lens adapted to focus these shockwaves to a focus.